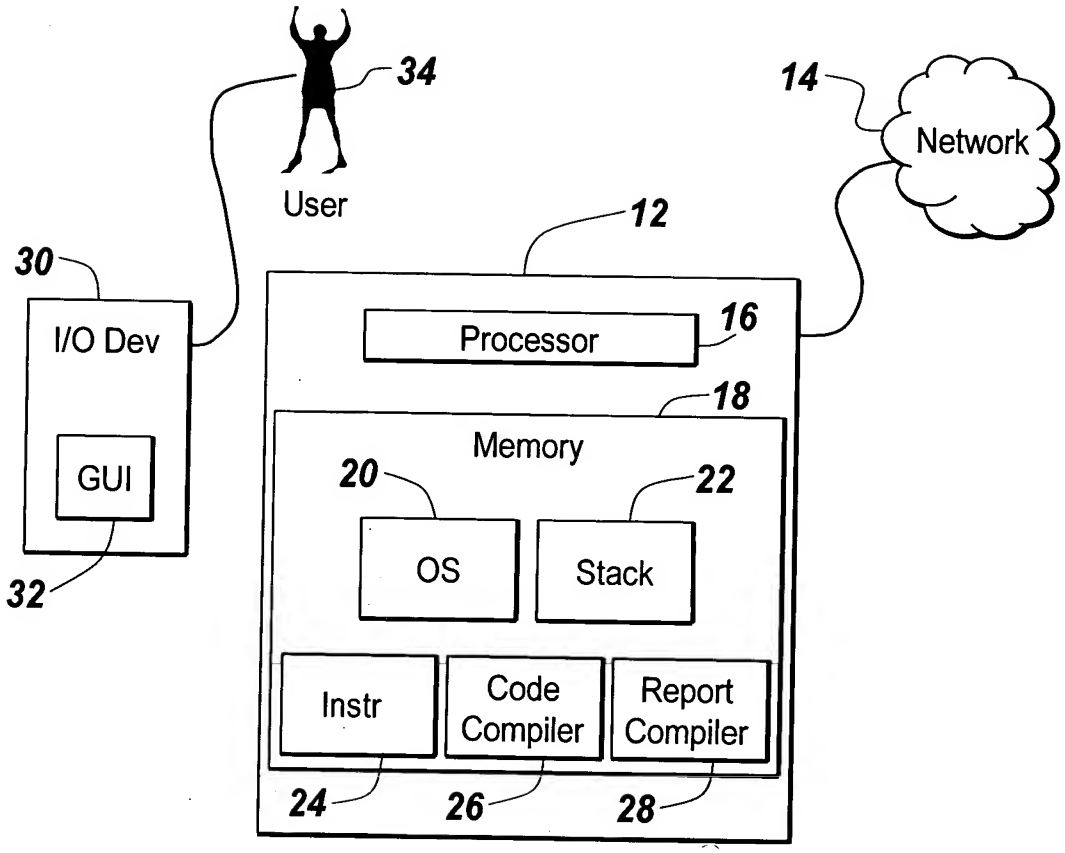

34
User
14
Network
12
30
I/O Dev
GUI
32
Processor
16
18
Memory
20
22
OS
Stack
Instr
Code Compiler
Report Compiler
24
26
28

Fig. 1

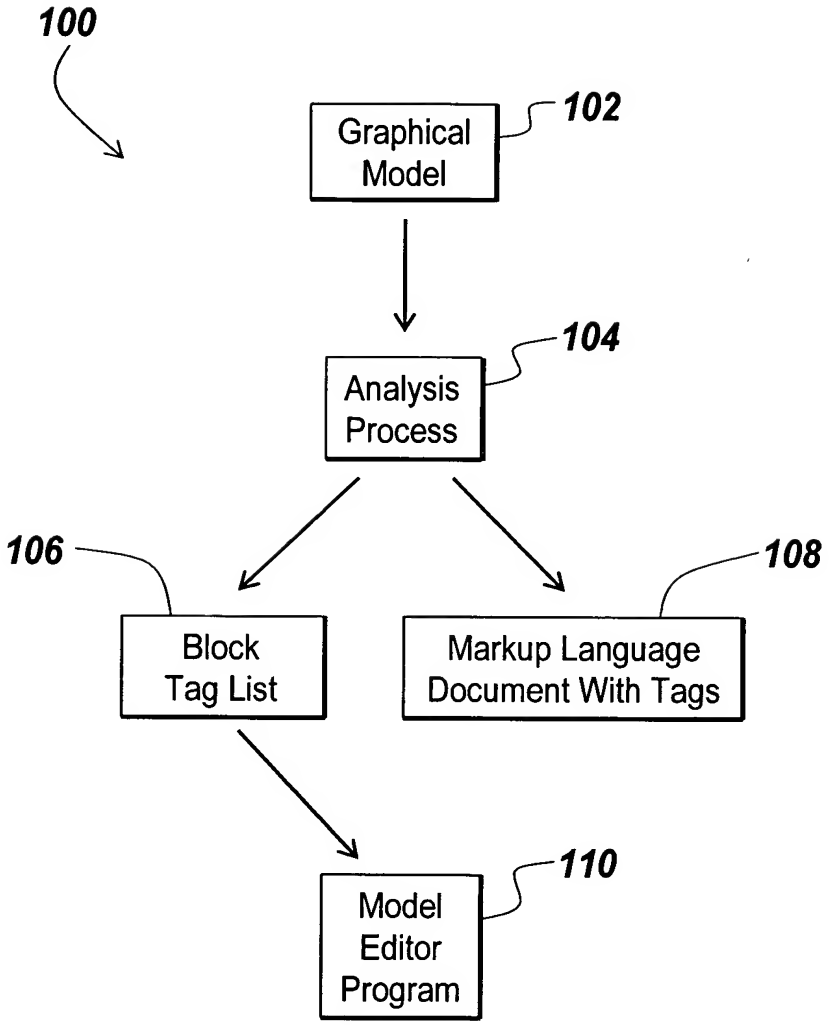

100
Graphical Model
102
Analysis Process
104
106
108
Block Tag List
Markup Language Document With Tags
Model Editor Program
110

Fig. 2

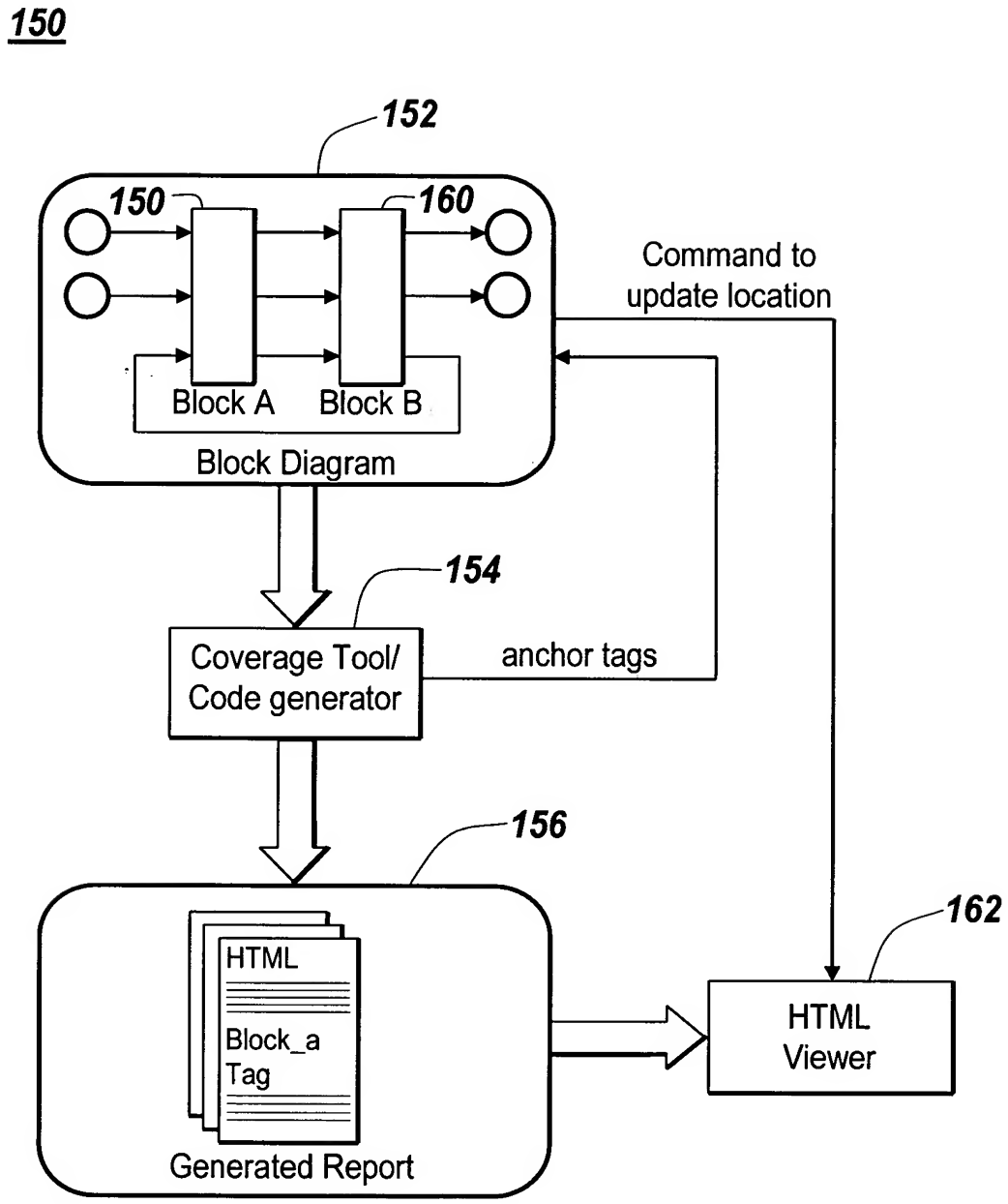
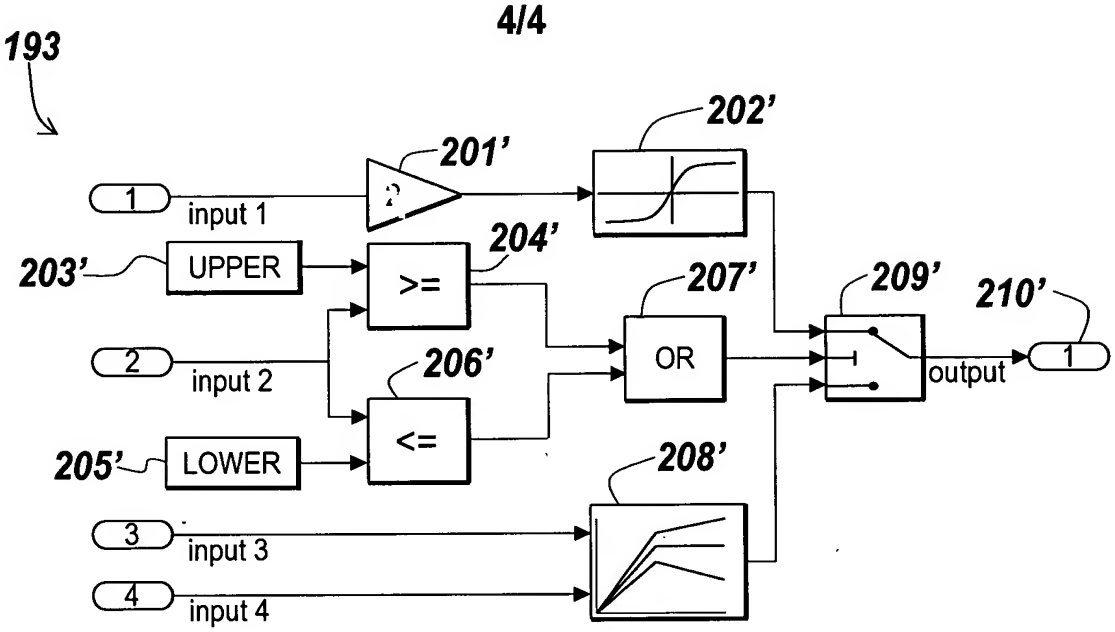

150
152
150
160
Block A
Block B
Block Diagram
Command to
update location
154
Coverage Tool/
Code generator
anchor tags
156
HTML
Block_a
Tag
Generated Report
162
HTML
Viewer

Fig. 3



192

```
 Block:
   209    /* Switch: '<Root>/Switch' incorporates:
   207     *  Logic: '<Root>/Logical Operator'
   204     *  RelationalOperator: '<Root>/Relational Operator1'
   203     *  Constant: '<Root>/Constant1'
input2     *  Inport: '<Root>/In2'
   206     *  RelationalOperator: '<Root>/Relational Operator'
   205     *  Constant: '<Root>/Constant1'
   202     *  Lookup: '<Root>/Look-Up Table'
   201     *  Gain: '<Root>/Gain'
input1     *  Inport: '<Root>/In1'
   208     *  Lookup2D: '<S1>/Look-Up Table (2-D)'
input3     *  Inport: '<Root>/In3'
input4     *  Inport: '<Root>/In4'
           *
           *  Regarding '<Root>/Gain':
   201     *  Gain value: 2.0
           */
```

Fig. 4